

## Abstract

A manufacturing method of secondary battery and the device thereof are proposed. In this method, conducting material is trimmed into positive and negative electrode plates. Positive and negative active materials are coated on the positive and negative electrode plates, respectively. The positive and negative electrode plates are alternately arranged on a strip-shaped separator in an appropriate order. The positive and negative electrode plates on the separator are folded and then stacked according to their arrangement order so that each of the positive and negative electrode plates can be separated by the separator, and opposed faces between the positive and negative electrode plates have the active material coated thereon. The manufacturing process can thus be simplified, and the size and specification can be quickly changed to accomplish convenience in expansion. Moreover, the yield can be enhanced to accomplish the optimum economic benefit of production.